REMARKS

Claims 6, 7, 11-13, 16 and 28-31 are pending in the above-referenced application.

Claim 9 has been amended so that it is now in independent form.

1. The Rejection Under 35 U.S.C. 103(a)

Claims 6, 7, 9, 11-13, 16, and 28 have been rejected under 35 U.S.C. 103 (a) as being unpatentable over Lohray et al. (WO9741097) in view of Sohda et al. (U.S. Patent No. 5972971). The Office Action specifically states:

Lohray et al. at page 34, lines 27-29, page 35, example, and page 7, lines 13-14, teach pharmaceutical composition containing applicants' active agent in tablet, capsule, or powder form, in combination with the pharmaceutically acceptable excipient set forth in claim 8-10, and flavourants, sweeteners set forth in claim 16, and other media normally not employed in preparing such compositions.

Sodha et al. at abstract and column 10, lines 20-21, teach anti-diabetic agent containing anti-oxidants, preferably ascorbic acid. Sohda et al. also teach at column 9, lines 55-65, the anti-diabetic agent containing applicants' excipient such as lactose, mannitol, starch, crystalline cellulose, silicone dioxide, magnesium stearate, and hydroxy propyl methyl cellulose.

The difference between the primary reference and applicants' claimed invention is the presence of anti-oxidant set forth in claims 6,14, and 15, and the proportions set forth in claims 8 and 9. However, to incorporate anti-oxidant to the primary reference would have been obvious to a person of ordinary skill in view of Sohda et al. who teach antidiabetic agent containing anti-oxidant and other excipient. One in ordinary skill in the art would have been motivated to combine anti-oxidants to the above composition since Lohray et al. teach other media normally employed can be incorporated and anti-oxidant is normally incorporated by Sohda et al. in formulating anti-diabetic agent.

With respect to the Declaration filed with the previous response, the Office Action states:

Applicants argue that data shows nenobvious and unexpected result of the formulations containing microcrystalline cellulose with low moisture content (Avicel PH 112, formulation B and D) are more stable, i.e., lower content of degradation products than the formulations containing microcrystalline cellulose with higher moisture content (Avicel PH 102, formulation A and C). However, this is not persuasive because Applicants' broad claims 6 and 9 read on both sets of formulations (B and D) and (A and C). The "evidence" of alleged nonobvious and unexpected result is not commensurate in scope with the breadth of the claims. It is noted that Applicant's alleged nonobvious and unexpected results is only encompassed by the specific formulation of B and D not the claims drawn to broad class of a microcrystalline cellulose.

Applicants respectfully traverse the rejection. First, Applicants note that claim 6 in its present form does not contain any reference to an anti-oxidant. Specifically, in the composition as claimed, an anti-oxidant is not an essential ingredient. Second, there is absolutely no suggestion or discussion in Lohray regarding the desirability of low water content in excipients. Applicants note that on page 35, in production example a), the ingredients active ingredient, lactose and corn starch are uniformly blended with water and granulated after drying under reduced pressure; carboxymethyl cellulose and magnesium stearate are subsequently added. In production example b), the active ingredient, calcium phosphate, lactose and corn starch were moistened with an aqueous solution of polyvinyl pyrrolidone and granulated after drying under reduced pressure. Magnesium stearate was added and granules were compressed. Clearly, given the teaching of Lohray, it would have not been obvious to consider using anhydrous lactose and/or cellulose with low water content.

Applicants further note that Lohray in Example 28 on page 80 merely teaches the method used to obtain the active compound, 5-[[4-[3-Methyl-4-oxo-3,4-dihydro-2-quinazolinyl]methoxy]phenyl-methyl]thiazolidine-2,4-dione. This method certainly does not use anhydrous conditions to obtain said active compound.

Applicants would like to further clarify the significance of the results set forth in the Declaration filed with the response filed on August 23, 2002. First, as previously discussed, formulations B and D c ntaining Avicel PH 112, were more stable than formulations A and C, containing Avicel PH 102. Avicel PH 112 has a lower moisture content than Avicel PH 102. Second, formulations C and D containing anhydrous lactose were more stable than formulations A and B which did not contain anhydrous lactose. The results set forth in the declaration are indeed unexpected in view of the teachings of Lohray and support Applicants assertions that a formulation of 5-[[4-[3-Methyl-4-oxo-3.4-dihydro-2-quinazolinyl]methoxy]phenyl-methyl]thiazolidine-2,4-dione containing excipients with low water content comprising anhydrous lactose, microcrystalline cellulose, magnesium stearate, and talc (claim 6) and a formulation of comprising 5-[[4-[3-Methyl-4-oxo-3,4-dihydro-2-quinazolinyl]methoxy]phenyl-methyl]thiazolidine-2,4dione or a pharmaceutically acceptable salt thereof, between 100 and 400,000 parts by weight of anhydrous lactose, between 1000 and 10,000 parts by weight of microcrystalline cellulose, and between 10 and 500 parts by weight of magnesium stearate,

2-quinazolinyl]methoxy]phenyl-methyl]thiazolidine-2,4-dione would not be obvious over the teachings of Lohray. There is certainly no indication in Lohray that using anhydrous cellulose would increase the stability of 5-[[4-[3-Methyl-4-oxo-3,4-dihydro-2-quinazolinyl]methoxy]phenyl-methyl]thiazolidine-2,4-dione. Actually, in the production examples of Lohray, the active ingredient and lactose are

expressed in parts by weight per 100 parts of 5-[[4-[3-Methyl-4-oxo-3,4-dihydro-

moistened.

Applicants assert that the Sohda reference would not add anything further to the disclosure of Lohray. There is certainly no suggestion or disclosure in the Sohda et al. reference regarding the use of low moisture formulations. Furthermore, Applicants assert that one of ordinary skill in the art would not be motivated to combine Lohray et al. with Sohda et al. This is because Sohda et al. is directed to a completely different class of compounds, 2,4-oxazolidinedione compounds.

In view of the above arguments, Applicants assert that the rejection s under 35 U.S.C. 103(a) have been overcome. Therefore, Applicants respectfully request that the rejections be withdrawn.

Conclusion

In view of the above amendments and remarks, it is respectfully submitted that all claims are in condition for allowance. Early action to that end is respectfully requested. The Examiner is hereby invited to contact the undersigned by telephone at (914) 712-0093 if there are any questions concerning this amendment or application.

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Respectfully submitted,

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